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PTO/SB/21 (08-00)

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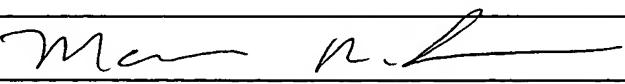
*(to be used for all correspondence after initial filing)*

		Application Number	10/716,972
		Filing Date	Nov. 19, 2003
		First Named Inventor	David L. Allen
		Group Art Unit	2643
		Examiner Name	
Total Number of Pages in This Submission	12	Attorney Docket Number	TEL 001 P2 CI-5

### ENCLOSURES (check all that apply)

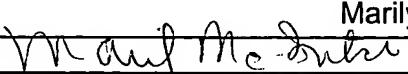
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Applicants : David L. Allen  
Herold Williams  
Serial No. : 10/716,972  
Filed : Nov. 19, 2003  
Art Unit : 2643  
Docket : TEL 001 P2 CI-5

Commissioner of Patents  
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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97-1.99

In accordance with the provisions of 37 CFR 1.97-1.99, applicants wish to disclose the following materials listed on the attached form PTO-1149 and listed below which the Examiner might consider to be relevant to the examination of the above-identified application.

This application is a continuation of Serial No. 10/233,363 filed August 30, 2002, Now Patent 6,654,045; which is a continuation of Serial No. 09/695,460 filed October 24, 2000, now U.S. Patent 6,445,405 issued September 3, 2002, which is a continuation of Serial No. 09/047,771 filed March 25, 1998, now Patent 6,160,573, which is a continuation of Serial No. 08/740,839 filed November 4, 1996, now Patent 5,751,337, which is a continuation of Serial No. 08/308,603 filed September 19, 1994, now Patent 5,572,248. In accordance with the provisions of 37 CFR 1.98(d), copies of the materials cited in these related cases are not required.

The Examiner's attention is respectfully directed to the following:

U.S. Patent References:

U.S. Patent No. 4,004,084 issued to Brown et al. on January 18, 1977, for Video Conferencing System Using Spatial Reduction and Temporal Resolution.

U.S. Patent No. 4,400,724 issued to Fields on August 23, 1983, for Virtual Space Teleconference System.

U.S. Patent No. 4,546,383 issued to Abramatic et al. in October 1985 for Method and Apparatus for Visual Communications, in Particular for Use by the Deaf.

U.S. Patent No. 4,650,929 issued to Boerger et al. on March 17, 1987, for Communications System for Videoconferencing.

U.S. Patent No. 4,703,348 issued to Yuasa et al. on October 27, 1987 for Picture Transmission System Using Secondary Differential Variable Sampling Rate Coding.

U.S. Patent No. 4,707,077 issued to Marom on November 17, 1987, for Real Time Image Subtraction With a Single Liquid Crystal Light Valve.

U.S. Patent No. 4,758,887 issued to Engel et al. on July 19, 1988, for Conference Table.

U.S. Patent No. 4,800,432 issued to Barnett et al. on January 24, 1989.

U.S. Patent No. 4,823,194 issued to Mshima et al. on April 18, 1989, for Method For Processing Gray Scale Images and an Apparatus Thereof.

U.S. Patent No. 4,890,314 issued to Judd et al. on December 26, 1989, for Teleconference Facility With High Resolution Video Display.

U.S. Patent No. 4,928,301 issued to Smoot on May 22, 1990, for Teleconferencing Terminal With Camera Behind Display Screen.

U.S. Patent No. 4,931,872 issued to Stoddard et al. on June 5, 1990, for Methods of and Apparatus for the Generation of Split-Screen Video Displays.

U.S. Patent No. 4,942,470 issued to Nishitani et al., on July 17, 1990 for Real Time Processor for Video Signals.

U.S. Patent No. 4,965,666 issued to Haghiri on October 23, 1990 for Method and Arrangement for Estimating and Compensating Motion in a Sequence of Pictures and a Picture Transmission System Provided With Such an Arrangement.

U.S. Patent No. 4,965,819 issued to Kannes on October 23, 1990 for Video Conferencing System For Courtroom and Other Applications.

U.S. Patent No. 4,991,009 issued to Suzuki et al. on February 5, 1991 for Dynamic Image Transmission System.

U.S. Patent No. 4,996,592 issued to Yoshida on February 26, 1991 for Video Communication Apparatus Capable of Electronically Adjusting the Field of View of a Video Frame.

U.S. Patent No. 5,014,267 issued to Tompkins et al. on May 7, 1991 for Video Conferencing Network.

U.S. Patent No. 5,031,620 issued to Oe on July 16, 1991 for Image Processing Apparatus.

U.S. Patent No. 5,032,901 issued to Vlahos on July 16, 1991 for Backing Color and Luminance Nonuniformly Compensation for Linear Image Compositing.

U.S. Patent No. 5,038,224 issued to Martulli et al. on August 6, 1991 for Video Imaging Device in a Teleconference System.

U.S. Patent No. 5,055,927 issued to Keesen et al. on October 8, 1991 for Dual Channel Video Signal Transmission System.

U.S. Patent No. 5,079,627 issued to Filo on January 7, 1992 for Videophone.

U.S. Patent No. 5,117,285 issued to Nelson et al. on May 26, 1992 for Eye Contact Apparatus for Video Conferencing.

U.S. Patent No. 5,122,865 issued to Choi on June 16, 1992 for Chroma Key Signal Generator for a Video Editing Apparatus.

U.S. Patent No. 5,127,078 issued to Terry et al. on June 30, 1992 for Integrated Display for Image Presentation and Receiving Using Fiber Optics.

U.S. Patent No. 5,153,720 issued Oct. 6, 1992 to Kawai for Motion Image Difference Detecting Apparatus.

U.S. Patent No. 5,159,451 issued Oct. 27, 1992 to Faroudja et al. for Field Memory Expansable Line Doubler for Television Receiver. U.S. Patent No. 5,168,528 issued to Field, Jr. on December 1, 1992 for Differential Electronic Imaging System.

U.S. Patent No. 5,173,772 issued to Choi on December 22, 1992 for Method For Detecting Motion Vector.

U.S. Patent No. 5,187,571 issued to Braun et al. in February 1993.

U.S. Patent No. 5,214,512 issued to Freeman on May 25, 1993 for Keyed, True-Transparency Image Information Combine.

U.S. Patent No. 5,249,039 issued to Chaplin on September 28, 1993 for Chroma Key Method and Apparatus.

U.S. Patent No. 5,257,306 issued to Watanabe on October 26, 1993 for Video Teleconference System.

U.S. Patent No. 5,261,735 issued to Cohen et al. on November 16, 1993 for Deployable Video Conference Table.

U.S. Patent No. 5,272,526 issued to Yoneta et al. on December 21, 1993 for Television Conference System.

U.S. Patent No. 5,280,540 issued to Addeo et al. on January 18, 1994 for Video Teleconferencing System Employing Aspect Ratio Transformation.

U.S. Patent No. 5,282,027 issued to Tanigaki et al. on January 25, 1994 for Image Projection Display and Pick-Up Apparatus With Optical Shutter.

U.S. Patent No. 5,315,633 issued May 24, 1994 to Champa for Digital Video Switch for Video Teleconferencing.

U.S. Patent No. 5,347,306 issued to Nitta in September 1994 for Animated Electronic Meeting Place.

U.S. Patent No. 5,394,198 issued to Janow in February 1995 for Large-screen Display System.

U.S. Patent No. 5,397,133 issued to Penzia in March 1995 for System for Playing Card Games Remotely.

U.S. Patent No. 5,400,069 issued to Braun et al. in March 1995 for Eye Contact Video-Conferencing System and Screen.

U.S. Patent No. 5,438,357 issued Aug. 1995 to McNelley for Image Manipulating Teleconferencing System.

U.S. Patent No. 5,508,743 issued April 1996 to Lizuka for Moving Image Signal Coding Apparatus and Moving Image Signal Coding Control Method.

U.S. Patent No. 5,541,640 issued July 1996 to Larson for Videophone for Simultaneous Audio and Video Communicatino via a Standard Telephone Line.

U.S. Patent No. 5,850,250 issued Dec. 1998 to Konopka et al. for Video Distance Learning System.

U.S. Patent No. 5,689,641 issued Nov. 1997 to Ludwig et al. for Multimedia Collaboration System Arrangement for Routing Compressed AV Signal Through a Participant Site Without Decompressing the AV Signal.

U.S. Patent No. 5,157,491 issued Oct. 20 1992 to Kassatly for Method and Apparatus for Video Broadcasting and Teleconferencing.

U.S. Patent No. 5,691,777 issued Nov. 25, 1997 to Kassatly for Method and Apparatus for Simultaneous Compression of Video, Audio and Data Signals.

U.S. Patent No. 6,445,405 issued Sept. 3, 2002 to Allen et al. for Teleconferencing Method and System.

U.S. Patent No. 6,160,573 issued Dec. 12, 2000 to Allen et al. for Teleconference Method and System for Providing Face-to-Face Teleconference Environment.

U.S. Patent No. 5,751,337 issued May 12, 1998 to Allen et al. for Teleconferencing Method and System for Providing Face-to-Face, Non-Animated Teleconference Environment.

U.S. Patent No. 5,572,248 issued Nov. 5, 1996 to Allen et al. for Teleconferencing Method and System for Providing Face-to-Face, Non-Animated Teleconference Environment.

Foreign Patent Documents:

JAPAN, Patent 52-50611 dated April 1977 to Nippon Denshin Denwa Kosha.

JAPAN, Patent 63-142986 dated June 1988 to NEC Corp.

JAPAN, Patent 5-22722 dated Jan. 1993 to Nippon Telegraph & Telephone Corp.

JAPAN, Patent 5-068246 dated March 19, 1993 to Nippon Telegraph & Telephone Corp.

Other Publications

E.F. Brown et al. "A CONTINUOUS PRESENCE VIDEO CONFERENCING SYSTEM," IEEE 1978, National Telecommunications Conference, Birmingham, AL, pp. 34.1.1-34.1.4.

Gordon Heffron, "Teleconferencing comes of age," IEEE SPECTRUM, pp. 61-66, Oct. 1984.

The filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §156(b). By filing this statement, Applicants are not making any representation as to whether any of the references referred to herein are relevant. Further, Applicants cite these references without prejudice, and Applicants reserve the right to contest the status of these references as prior art.

It is not believed that any fees are required by this paper. However, the Commissioner is authorized to charge any fee under 37 CFR 1.16 and 1.17 which may be required by this paper, or to credit any overpayment to Account 50-1287.

Respectfully submitted,  
JACOX, MECKSTROTH & JENKINS

By   
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February 6, 2004



PTO/SB/08A (10-01)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Application Number</b>	10/716,972
				<b>Filing Date</b>	Nov. 19, 2003
				<b>First Named Inventor</b>	Allen, David L.
				<b>Art Unit</b>	2643
				<b>Examiner Name</b>	
Sheet	1	of	4	Attorney Docket Number	TEL001P2 CI-5

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
		us- 4,004,084	1/1977	Brown et al.	
		us- 4,400,724	8/1983	Fields	
		us- 4,546,383	10/1985	Abramatic et al.	
		us- 4,650,929	3/1987	Boerger et al.	
		us- 4,703,348	10/1987	Yuasa et al.	
		us- 4,707,077	11/1987	Marom	
		us- 4,758,887	7/1988	Endle et al.	
		us- 4,800,432	1/1989	Barnett et al.	
		us- 4,823,194	4/1989	Mishima et al.	
		us- 4,890,314	12/1989	Judd et al.	
		us- 4,928,301	5/1990	Smoot	
		us- 4,931,872	6/1990	Stoddard et al.	
		us- 4,942,470	7/1990	Nishitani et al.	
		us- 4,965,666	10/1990	Haghiri	
		us- 4,965,819	10/1990	Kannes	
		us- 4,991,009	2/1991	Suzuki et al.	
		us- 4,996,592	2/1991	Yoshida	
		us- 5,014,267	5/1991	Tompkins et al.	
		us- 5,031,620	7/1991	Oe	
		us- 5,032,901	7/1991	Vlahos	

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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				Filing Date	Nov. 19, 2003
				First Named Inventor	Allen, David L.
				Art Unit	2643
				Examiner Name	
Sheet	2	of	4	Attorney Docket Number	TEL001P2CI-5

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		Number - Kind Code <sup>2</sup> (if known)			
		us- 5,038,224	8/1991	Martulli et al.	
		us- 5,055,927	10/1991	Keesen et al.	
		us- 5,079,627	1/1991	Filo	
		us- 5,117,285	5/1992	Nelson et al.	
		us- 5,122,865	6/1992	Choi	
		us- 5,127,-078	6/1992	Terry et al.	
		us- 5,153,720	10/1992	Kawai	
		us- 5,159,451	10/1992	Faroudja et al.	
		us- 5,168,528	10/1992	Field, Jr.	
		us- 5,173,772	10/1992	Choi	
		us- 5,187,571	2/1993	Braun et al.	
		us- 5,214,512	5/1993	Freeman	
		us- 5,249,039	9/1993	Chaplin	
		us- 5,25,306	10/1993	Watanabe	
		us- 5,261,735	11/1993	Cohen et al.	
		us- 5,275,526	12/1993	Yoneta et al.	
		us- 5,280,540	1/1994	Addeo et al.	
		us- 5,282,027	1/1994	Tanigaki et al.	
		us- 5,315,633	5/1994	Champa	
		us- 5,347,306	9/1994	Nitta	

## **FOREIGN PATENT DOCUMENTS**

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				Filing Date	Nov. 19, 2003
				First Named Inventor	Allen, David L.
				Art Unit	2643
				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	TEL001P2 CI-5

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/716,972
				Filing Date	Nov. 19, 2003
				First Named Inventor	Allen, David L.
				Group Art Unit	2643
				Examiner Name	
(use as many sheets as necessary)				Attorney Docket Number	TEL001P2 CI-5
Sheet	4	of	4		

#### **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

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